

**COURSE DATA****DATA SUBJECT****Code:** 44776**Name:** Information systems and telemedicine**Cycle:** Master's Degree**ECTS Credits:** 4.5**Academic year:** 2025-26**STUDY (S)**

Degree	Center	Acad. year	Period
2231 - Master's Degree in Biomedical Engineering	Facultat de Medicina i Odontologia	1	Second quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2231 - Master's Degree in Biomedical Engineering	Bridging courses	ELECTIVES

COORDINATION

MAGDALENA BENEDICTO JOSE RAFAEL

SUMMARY**PREVIOUS KNOWLEDGE****RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS**COMPETENCES / LEARNING OUTCOMES****DESCRIPTION OF CONTENTS****1.**



2.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	30,00
Computer classroom practice	15,00
Total hours	45,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	3,00
Individual or group project	10,00
Independent study and work	28,00
Preparation of lessons	22,00
Preparation for assessment activities	20,00
Resolution of case studies	0,00
Total hours	83,00

TEACHING METHODOLOGY

EVALUATION

REFERENCES

- "The Biomedical Engineering Handbook", J. Bronzino. CRC Press (2000) Bashshur et al., Telemedicine, Theory and Practice, Ed. Thomas, 1997 Richard Wooton, Introduction to Telemedicine, RSM Press, 1999 Ari T. Adler. A Cost-Effective Portable Telemedicine Kit for Use in Developing Countries. Thesis, MIT 2000 E-Health, Telehealth, and Telemedicine: A Guide to Startup and Success. Marlene Maheu, Pamela Whitten, Ace Allen. Wiley 2002 Current Principles and Practices of Telemedicine and e-Health, Latifi, R.IOS Press, 2008 La bibliografía particular de cada tema se amplía al final del mismo